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TT		Re. 34,297	06/29/1993	Elson		417	`	-372			
		Re. 25,569	05/05/1964	Coron et	al.	-230	`	117			
		2,661,172	12/01/1953	Needham		-248-	`	-19-			
		3,039,725	06/19/1962	Kerley, J	r.	-248	-248-				
TT		3,145,960	08/25/1964	Langdon		-248		13			
			U.S. PATEN	IT APPLIC	ATION PUBLICATIONS		-				
*EXAMINER INITIAL	٠	DOCUMENT NUMBER	DATE		NAME	C	LASS	SUB	CLASS	FILING DAT	
TT		2001/0055536	12/27/2001	Bernardi	et al.	418	-418 ~		_		
TT		2001/0006603	07/05/2001	Hong et a	- 418	- 418		·-	· ·		
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ττ		JP2001020881A	01/23/2001	Japan		T -	T		<u> </u>		
		JP410148191A	06//02/1998	Japan							
		JP2002098056A	04//05/2002	Japan							
TT		JP2002021729A	01/23/2002	Japan		_	_	-			
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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)					ATTY DOCKET NO. TEC1209-01/C-5	APPLICATION NO. 10/657,311				
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			U.S	. PATENT	DOCUMENTS					
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INITIAL		3,749,340	07/31/1973	Williams	et al.	248	24	IF APPROPR	IATE	
		3,785,167	01/15/1974	Sahs		-62-	296			
		4,089,613	05/16/1978	Babbitt, Jr.		403	388			
		4,389,171	06/21/1983	Eber et a	L	410	419 15			
77		4,416,594	11/22/1983	Ichikawa		417	360-			
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ATTY DOCKET NO. APPLICATION NO. TEC1209-01/C-501 10/657,311 INFORMATION DISCLOSURE CITATION David K. Haller et al. (Use several sheets if necessary) FILING **GROUP ART** September 8, 2003 -3746 3748 **U.S. PATENT DOCUMENTS** EXAMINER FILING DATE DOCUMENT NUMBER CLASS SUBCLASS DATE NAME IF APPROPRIATE INITIAL 4,497,615 02/05/1985 Griffith 417 310 403__ 05/21/1985 Mitchell 13 4,518,276 11/12/1985 Utter 418---55_ 4,552,518 4,557,677 12/10/1985 Hasegawa 418--63-4,685,188 08/11/1987 Goy 446 TT **U.S. PATENT APPLICATION PUBLICATIONS** *EXAMINER FILING DATE DOCUMENT NUMBER DATE NAME CLASS SUBCLASS INITIAL IF APPROPRIATE **FOREIGN PATENT DOCUMENTS** TRANSLATION DOÇUMENT NUMBER DATE COUNTRY SUBCLASS CLASS YES OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) **EXAMINER** DATE CONSIDERED DEC 6, 2004 *EXAMINER: Initial If reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not

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'EXAMINER	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATI				
TT	4,792,288	12/20/1988	Gromoli et al.		-417	278					
Ī	5,012,896	05/07/1991	Da Costa		184	6.16					
	5,062,779	11/05/1991	Da Costa	Da Costa		-270					
	5,176,506	01/05/1993	Siebel		-417	368					
TT	5,222,885	06/29/1993	Ramshan	kar et al.	418	-96-					
		U.S. PATE	NT APPLIC	ATION PUBLICATION	NS						
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APPLICATION NO. ATTY DOCKET NO. TEC1209-01/C-501 10/657.311 INFORMATION DISCLOSURE CITATION APPLICANT(S) (Use several sheets if necessary) David K. Haller et al. GROUP ART UNIT FILING DATE September 8, 2003 3746 3748 **U.S. PATENT DOCUMENTS** *EXAMINER FILING DATE DOCUMENT NUMBER NAME CLASS SUBCLASS DATE INITIAL IF APPROPRIATE 5,346,375 09/13/1994 Akiyama et al. 418 -15 -- 77 5,348,455 09/20/1994 Herrick et al. 418 --- 3کر 5,370,156 12/06/1994 Peracchio et al. 137 856 5,391,066 02/21/1995 Sawai et al. 418 55.6 5,474,433 12/12/1995 Chang et al. 418 55.4 TT **U.S. PATENT APPLICATION PUBLICATIONS** 'EXAMINER FILING DATE DOCUMENT NUMBER DATE NAME CLASS SUBCLASS INITIAL IF APPROPRIATE **FOREIGN PATENT DOCUMENTS** TRANSLATION DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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ATTY DOCKET NO. APPLICATION NO. TEC1209-01/C-501 10/657,311 **INFORMATION DISCLOSURE CITATION** David K. Haller et al. (Use several sheets if necessary) FILING. **GROUP ART** September 8, 2003 3746 3748 **U.S. PATENT DOCUMENTS** 'EXAMINER FILING DATE DOCUMENT NUMBER DATE SUBCLASS NAME CLASS INITIAL IF APPROPRIATE 5,487,648 01/30/1996 Alfano et al. 417 312 TT 5,531,577 07/02/1996 Hayase et al. 418 55:1-- 5,579,651 12/03/1996 Sugiyama et al. 62 469-5,580,233 12/03/1996 Wakana et al. 418 94-Bushnell et al. 5,597,293 01/28/1997 417_ 410.3 TT**U.S. PATENT APPLICATION PUBLICATIONS** *EXAMINER FILING DATE DOCUMENT NUMBER, DATE NAME CLASS SUBCLASS INITIAL IF APPROPRIATE **FOREIGN PATENT DOCUMENTS** TRANSLATION DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) **EXAMINER** DATE CONSIDERED wen DEC. 6, 2004

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ATTY DOCKET NO. APPLICATION NO. TEC1209-01/C-501 10/657,311 INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) David K. Haller et al. FILING **GROUP ART** -3746- \$748 September 8, 2003 **U.S. PATENT DOCUMENTS EXAMINER** FILING DATE DOCUMENT NUMBER NAME SUBCLASS DATE CLASS INITIAL IF APPROPRIATE 5,863,190 01/26/1999 Yamamoto et al. 418---55.1 TT 5,913,892 06/22/1999 Kwon 62-296 5,931,650 08/03/1999 Yasu et al. 418---55.3 5,964,581 10/12/1999 lizuka et al. 417 410.3 6,011,336 01/04/2000 Mathis et al. 310 **U.S. PATENT APPLICATION PUBLICATIONS EXAMINER** FILING DATE DOCUMENT NUMBER DATE NAME CLASS SUBCLASS INITIAL IF APPROPRIATE **FOREIGN PATENT DOCUMENTS** TRANSLATION DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) **EXAMINER** DATE CONSIDERED DEC. 6,2004 *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not

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T	 Т		6,227,830 05/08/2001 Fie		Fields et	Fields et al.		55.1			
			6,247,910	06/19/2001	Yokoyama		418	-35.1			
			6,261,073	07/17/2001	Kumazav	va	-418	-63			
			6,264,446	07/24/2001	Rajendran et al.		418	-55.6			
T	T		6,280,154	08/28/2001	Clendeni	n et al.	417	- 410.5			
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TT		6,299,423	10/09/2001	Perevozci	hikov	A18-	-56.1				
TT		6,305,912	10/23/2001	Svendsen	et al.	417					
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